

Docket No.: P2000,0150

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : MICHAEL ASAM  
Filed : Concurrently herewith  
Title : MIXER CIRCUIT CONFIGURATION

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents and Trademarks,  
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. 1.98 copies of the following patents and/or publications are submitted herewith:

German Published, Non-Prosecuted Patent Application DE 42 05 486 A1 (Traub), dated December 10, 1992, pertains to a mixer arrangement, as mentioned on page 2 of the specification;

German Published, Non-Prosecuted Patent Application DE 41 14 943 A1 (Ushida), dated November 14, 1991, pertains to a mixer circuit, as mentioned on page 3 of the specification;

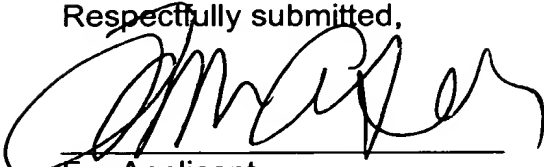
German Published, Non-Prosecuted Patent Application DE 37 42 537 A1 (Timothy), dated July 7, 1988, pertains to a four quadrant Gilbert modulator with variable conductivity, as mentioned on page 3 of the specification.

If no translation of pertinent portions of any foreign language patents or publications mentioned above is included with the aforementioned copies of those applications,

D.J.  
#4 1-31-02  
IDS/Statement  
11036 U.S. PRO  
09/919229  
07/31/01

patents and/or publications, it is because no existing translation is readily available to the applicant.

Respectfully submitted,



For Applicant

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Date: July 31, 2001

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/vs

FORM PTO-1449 (SUBSTITUTE)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(37 CFR 1.98(b))Attorney Docket No.: P2000,0150  
Appl. No.

Applicant MICHAEL ASAM

Filing Date July 31, 2001  
Group Art Unit

1996 U.S. PTO  
09/919229  
07/31/01

EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						

## FOREIGN PATENT DOCUMENT

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES   NO
	J	DE 42 05 486 A1	12/92	Germany			X
	K	DE 41 14 943 A1	11/91	Germany			X
	L	DE 37 42 537 A1	7/88	Germany			X
	M						
	N						

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.